

# IMU Board of Trustees of the Electric, Water and Communications Utilities August 9, 2021 City Hall Council Chambers 5:30 p.m.

# Agenda

1.		Call to Order
2.		Roll Call
3.		Public Comments
4.		Consent Agenda
	A.	Claims for August 9, 2021.
	B.	July 26, 2021 Minutes.
5.		Electric Utility Action Items
	A.	Approval of a rebate for Simpson College in an amount not to exceed \$10,000.
6.		Electric Utility Informational Items
7.		Water Utility Action Items
8.		Water Utility Informational Items
9.		Communications Utility Action Items
10.		Communications Utility Informational Items

- 11. Combined Electric, Water and Communications Utilities Action Items
  - A. Resolution approving the proposal from The Institute for Decision Making at the University of Northern Iowa to develop a strategic plan for IMU.
- 12. Combined Electric, Water and Communications Utilities Informational Items
- 13. Other Business
  - A. Enter into closed session in accordance with Iowa Code Section 21.5 (1)(i) to evaluate the professional competency of an individual whose appointment, hiring, performance, or discharge is being considered when necessary to prevent needless and irreparable injury to that individual's reputation and that individual requests a closed session.
- 14. Adjourn

IMU Regular Downstairs	4. A.
Meeting Date: 08/09/2021	
Information	
Subject	
Claims for August 9, 2021.	
Information	
Attachments	

No file(s) attached.

IMU Regular Downstairs	4. B.
Meeting Date: 08/09/2021	
Information	
Subject	
July 26, 2021 Minutes.	
Information	

**Attachments** 

Minutes

# BOARD OF TRUSTEE MINUTES - REGULAR SESSION - July 26, 2021

The Board of Trustees met in regular session at 5:30 p.m. on July 26, 2021, in the City Hall Council Chambers. Chairperson Adam Voigts called the meeting to order and on roll call the following members were present: Deb Richardson, Lesley Forbush (via phone), Adam Voigts, Mike Rozga and Lori Smith. Absent: None.

The consent agenda consisting of the following was approved on a motion by Richardson and seconded by Rozga. Question was called for and on voice vote the Chairperson declared the motion carried unanimously.

- Claims list for July 26, 2021.
- July 12, 2021 Minutes.
- Approval of June financial report.

Electric Superintendent Mike Metcalf stated Turbines 7 and 8 passed their capacity testing; there will be a meeting on the Streetscape Electric Project with business owners and tenants; and replacement vehicles ordered in March 2021 will not arrive until the first quarter of 2022.

Water Superintendent Lou Elbert updated the Board on Streetscape and North 8<sup>th</sup> Street main projects. He also discussed lead and copper testing that staff will perform this summer.

Rozga introduced Resolution 2021-026 approving Amendment Number 3 to the Intergovernmental Wholesale Internet Bandwidth Services Agreement and moved for its adoption. Richardson seconded it. On roll call, the vote was AYES: Forbush, Richardson, Voigts, Rozga and Smith. NAYS: None. Whereupon the Chairperson declared the motion carried unanimously.

Kurt Ripperger, Telecommunications Superintendent, reported staff continues to work on installations and outside plant items.

Discussion was held on the collection and write-off process. The Board asked staff to research using a collection agency instead of, or in addition to, using the State Off-set Program. Rozga moved to approve utility write-offs for the period of October – December 2020 and Smith seconded. Question was call for and on voice vote the Chairperson declared the motion carried unanimously.

In Combined Informational Items, General Manager Chris DesPlanques stated he will attend the MEAN Energy Conference in September. He also reported a proposal for a strategic planning vendor will be up for Board consideration at a future meeting.

It was moved by Richardson and seconded by Smith at 6:12 pm to enter into closed session in accordance with Iowa Code Section 388.9(1) to discuss marketing and pricing strategies and proprietary information of the telecommunication division whose competitive position will be harmed by public disclosure that is not required of potential or actual competitors and no public purpose is served by such disclosure. On roll call, the vote was AYES: Forbush, Richardson, Voigts, Rozga and Smith. NAYS: None. Whereupon the Chairperson declared the motion carried unanimously.

At 6:56 pm, Smith moved and Rozga seconded to exit the closed session. On roll call, the vote was AYES: Forbush, Richardson, Voigts, Rozga and Smith. NAYS: None. Whereupon the Chairperson declared the motion carried unanimously.

Meeting adjourned at 6:57 pm on a motion by Rozga and seconded by Richardson.

ATTEST:	Adam Voigts, Chairperson
Jackie Raffety, Deputy Clerk	

# **IMU Regular Downstairs**

Meeting Date: 08/09/2021

#### Information

# **Subject**

Rebate

Approval of a rebate for Simpson College in an amount not to exceed \$10,000.

# Information

The attached document shows a lighting improvement program between a vendor and Simpson College. Our standard program has a \$2,500 limit. An approval of a custom rebate is necessary for a project of this size. Staff's recommendation is for an amount \$10,000.

Simple motion is in order.

Attachments

5. A.

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Bldg 11.0 Hillman Hall		Retrofit Description Manufacturer Relamp existing fixture as indicated by m (blank)	Model Number (Units) (blank)	. or fixtures) 3 lamp(s)	ty of Qua	ntity Fixt 18	ure Fixtu 618	re F 300	3,500	Savings 1.91	Savings 6,678.00
11.0 Hillman Hall		Relamp existing fixture as indicated by m (blank)	(blank)	3 lamp(s)	4	12	618	300	2,600	1.27	3,307.20
22.0 Wallace Hall 11.0 Hillman Hall		Remove existing fixture and install new a (blank)	(blank) (blank)	1 fixture(s)	12 20	12 20	250 34	125 30	500 3,500	1.50 0.08	750.00 280.00
5.0 Combined Athletic Complex		Remove existing fixture and install new a (blank) Relamp existing fixture as indicated by m (blank)	(blank)	1 fixture(s) 1 lamp(s)	4	4	42	10	2,000	0.08	256.00
3.0 Blank Peforming Arts	EF9H-RI RL	Relamp existing fixture as indicated by m GREEN CREATIVE	28365 10PLV/840/BYP	1 lamp(s)	4	4	32	10	750	0.09	66.00
9.0 Colonial Apartments 2.0 Barker Hall		Relamp existing fixture as indicated by m GREEN CREATIVE	28415 8T8/2F/840/BYP/R 28415 8T8/2F/840/BYP/R	4 lamp(s)	6	12 12	68 34	32 16	4,100 2,600	0.11	442.80 280.80
11.0 Hillman Hall		Relamp existing fixture as indicated by m GREEN CREATIVE Relamp existing fixture as indicated by m GREEN CREATIVE	28415 8T8/2F/840/BYP/R	2 lamp(s) 2 lamp(s)	4	8	34	16	3,500	0.11	252.00
9.0 Colonial Apartments		Relamp existing fixture as indicated by m GREEN CREATIVE	28415 8T8/2F/840/BYP/R	2 lamp(s)	2	4	34	16	3,500	0.04	126.00
12.0 KKG		Relamp existing fixture as indicated by m GREEN CREATIVE	28415 8T8/2F/840/BYP/R	2 lamp(s)	1	2	34	16	3,500	0.02	63.00
11.0 Hillman Hall 19.0 Picken Hall		Relamp existing fixture as indicated by m GREEN CREATIVE Relamp existing fixture as indicated by m GREEN CREATIVE	28415 8T8/2F/840/BYP/R 28415 8T8/2F/840/BYP/R	2 lamp(s) 2 lamp(s)	1 5	2 10	34 34	16 16	2,600 500	0.02	46.80 45.00
6.0 Carver Science Building		Relamp existing fixture as indicated by m GREEN CREATIVE	28415 8T8/2F/840/BYP/R	2 lamp(s)	1	2	34	16	2,000	0.02	36.00
29.0 Central Plant		Relamp existing fixture as indicated by m GREEN CREATIVE	28415 8T8/2F/840/BYP/R	2 lamp(s)	1	2	34	16	2,000	0.02	36.00
10.0 Hamilton House 4.0 Buxton Hall	F3H-RL RL F3G-RL RL	Relamp existing fixture as indicated by m GREEN CREATIVE Relamp existing fixture as indicated by m GREEN CREATIVE	28415 8T8/2F/840/BYP/R 28415 8T8/2F/840/BYP/R	4 lamp(s) 2 lamp(s)	1	2	68 34	32 16	500 500	0.04	18.00
6.0 Carver Science Building		Relamp existing fixture as indicated by in GREEN CREATIVE	28415 8T8/2F/840/BYP/R	2 lamp(s)	1	2	34	16	500	0.02	9.00
3.0 Blank Peforming Arts		Retrofit existing fixture with new kit as ir LITHONIA	2VTL4RT 40L ADP GTH250 LP840	1 kit(s)	26	26	108	40	3,500	1.77	6,188.00
5.0 Combined Athletic Complex		Retrofit existing fixture with new kit as ir LITHONIA	2VTL4RT 40L ADP GTH250 LP840 34865 16PH /840/GL/BYP	1 kit(s)	64 5	64 5	108	40	500	4.35	2,176.00
3.0 Blank Peforming Arts 13.0 Kent Campus Center		Relamp existing fixture as indicated by m GREEN CREATIVE Relamp existing fixture as indicated by m GREEN CREATIVE	34865 16PLL/840/GL/BYP	1 lamp(s) 1 lamp(s)	12	12	39 39	16 16	2,000 500	0.12	230.00 138.00
11.0 Hillman Hall		Relamp existing fixture as indicated by m GREEN CREATIVE	34929 4B11DIM/827/E26	24 lamp(s)	1	24	768	96	3,500	0.67	2,352.00
5.0 Combined Athletic Complex		Relamp existing fixture as indicated by m GREEN CREATIVE	35003 9PLO/840/HYBM	4 lamp(s)	20	80	128	36	3,500	1.84	6,440.00
13.0 Kent Campus Center 13.0 Kent Campus Center		Relamp existing fixture as indicated by m GREEN CREATIVE Relamp existing fixture as indicated by m GREEN CREATIVE	35003 9PLO/840/HYBM 35003 9PLO/840/HYBM	6 lamp(s) 4 lamp(s)	64 14	384 56	192 128	54 36	500 2,600	8.83 1.29	4,416.00 3,348.80
3.0 Blank Peforming Arts		Relamp existing fixture as indicated by if GREEN CREATIVE	35003 9PLO/840/HYBM	3 lamp(s)	12	36	96	27	2,000	0.83	1,656.00
5.0 Combined Athletic Complex		Relamp existing fixture as indicated by m GREEN CREATIVE	35003 9PLO/840/HYBM	2 lamp(s)	11	22	64	18	3,000	0.51	1,518.00
13.0 Kent Campus Center		Relamp existing fixture as indicated by m GREEN CREATIVE	35003 9PLO/840/HYBM	2 lamp(s)	3	6	52	18	3,500	0.10	357.00
11.0 Hillman Hall 11.0 Hillman Hall		Relamp existing fixture as indicated by m GREEN CREATIVE Relamp existing fixture as indicated by m GREEN CREATIVE	35427 16A21/840/277V 384865 16PH /840/GH/BYP	1 lamp(s)	8	8 18	100 108	16 48	3 500	0.67	336.00 1,260.00
22.0 Wallace Hall		Relamp existing fixture as indicated by m GREEN CREATIVE	384865 16PLL/840/GL/BYP	3 lamp(s) 3 lamp(s)	3	18	108	48	3,500 3,500	0.36 0.18	630.00
2.0 Barker Hall	F14B-Rl RL	Relamp existing fixture as indicated by m GREEN CREATIVE	384865 16PLL/840/GL/BYP	3 lamp(s)	1	3	108	48	2,000	0.06	120.00
5.0 Combined Athletic Complex		Relamp existing fixture as indicated by m GREEN CREATIVE	40715 3MR11/840NF30	1 lamp(s)	14	14	20	3	3,500	0.24	833.00
17.0 McNeil Hall 17.0 McNeil Hall		Relamp existing fixture as indicated by m GREEN CREATIVE Relamp existing fixture as indicated by m GREEN CREATIVE	57815 3.5PLS/840/HYB/G23 57815 3.5PLS/840/HYB/G23	2 lamp(s) 2 lamp(s)	18 24	36 48	18 18	7	3,000 2,000	0.20	594.00 528.00
17.0 McNeil Hall		Relamp existing fixture as indicated by it GREEN CREATIVE	57815 3.5PLS/840/HYB/G23	2 lamp(s)	6	12	18	7	3,500	0.26	231.00
17.0 McNeil Hall	F9M-RL RL	Relamp existing fixture as indicated by m GREEN CREATIVE	57815 3.5PLS/840/HYB/G23	2 lamp(s)	10	20	18	7	2,000	0.11	220.00
17.0 McNeil Hall 17.0 McNeil Hall		Relamp existing fixture as indicated by m GREEN CREATIVE		2 lamp(s)	5 12	10 24	18 18	7	3,000 500	0.06 0.13	165.00 66.00
17.0 McNeil Hall	F9M-RL RL			2 lamp(s) 2 lamp(s)	2	4	18	7	500	0.13	11.00
6.0 Carver Science Building	F9J-RL RL		57823 5.5PLS/840/HYB/GX23	2 lamp(s)	47	94	26	11	3,500	0.71	2,467.50
19.0 Picken Hall	F9J-RL RL			2 lamp(s)	23	46	26	11	2,000	0.35	690.00
26.0 SAE		Relamp existing fixture as indicated by m GREEN CREATIVE		2 lamp(s)	15 6	30	26	11	2,600	0.23	585.00
11.0 Hillman Hall 6.0 Carver Science Building	F9J-RL RL F9J-RL RL			2 lamp(s) 2 lamp(s)	8	12 16	26 26	11 11	4,100 3,000	0.09	369.00 360.00
12.0 KKG	F9J-RL RL			2 lamp(s)	9	18	26	11	2,600	0.14	351.00
12.0 KKG	F9J-RL RL			2 lamp(s)	9	18	26	11	2,000	0.14	270.00
11.0 Hillman Hall 19.0 Picken Hall		Relamp existing fixture as indicated by m GREEN CREATIVE		2 lamp(s)	5	10 10	26	11 11	3,500	0.08	262.50
11.0 Hillman Hall		Relamp existing fixture as indicated by m GREEN CREATIVE Relamp existing fixture as indicated by m GREEN CREATIVE		2 lamp(s) 2 lamp(s)	4	8	26 26	11	3,500 4,100	0.06	262.50 246.00
12.0 KKG	F9J-RL RL			2 lamp(s)	4	8	26	11	3,500	0.06	210.00
11.0 Hillman Hall	F9J-RL RL			2 lamp(s)	3	6	26	11	3,500	0.05	157.50
15.0 LXA 19.0 Picken Hall	F9J-RL RL F9J-RL RL	Relamp existing fixture as indicated by m GREEN CREATIVE Relamp existing fixture as indicated by m GREEN CREATIVE	57823 5.5PLS/840/HYB/GX23	2 lamp(s) 2 lamp(s)	4	8	26 26	11 11	2,600 2,600	0.06	156.00 156.00
6.0 Carver Science Building	F9J-RL RL	Relamp existing fixture as indicated by if GREEN CREATIVE	57823 5.5PLS/840/HYB/GX23	2 lamp(s)	2	4	26	11	3,500	0.03	105.00
12.0 KKG	F9J-RL RL	Relamp existing fixture as indicated by m GREEN CREATIVE	57823 5.5PLS/840/HYB/GX23	2 lamp(s)	2	4	26	11	3,500	0.03	105.00
26.0 SAE		Relamp existing fixture as indicated by m GREEN CREATIVE	57823 5.5PLS/840/HYB/GX23	2 lamp(s)	3	6	26	11	2,000	0.05	90.00
26.0 SAE 12.0 KKG	F9J-RL RL F9J-RL RL	Relamp existing fixture as indicated by m GREEN CREATIVE Relamp existing fixture as indicated by m GREEN CREATIVE	57823 5.5PLS/840/HYB/GX23 57823 5.5PLS/840/HYB/GX23	2 lamp(s) 2 lamp(s)	9	18 2	26 26	11 11	500 2,600	0.14	67.50 39.00
12.0 KKG	F9J-RL RL			2 lamp(s)	1	2	26	11	500	0.02	7.50
14.0 Kresge Hall			57884 5B11/DIM/8CCTD	1 lamp(s)	14	14	40	5	3,500	0.49	1,715.00
1.0 Amy Robertson 22.0 Wallace Hall		Relamp existing fixture as indicated by m GREEN CREATIVE Relamp existing fixture as indicated by m GREEN CREATIVE		2 lamp(s)	24 12	48 24	26 26	12 12	3,500 3,500	0.34	1,176.00 588.00
22.0 Wallace Hall		Relamp existing fixture as indicated by if GREEN CREATIVE		2 lamp(s) 2 lamp(s)	3	6	26	12	3,500	0.17	147.00
3.0 Blank Peforming Arts		Relamp existing fixture as indicated by m GREEN CREATIVE	58039 9A19/840/277V	1 lamp(s)	2	2	60	8	3,500	0.10	364.00
16.0 Mary Berry Hall		Relamp existing fixture as indicated by m GREEN CREATIVE	58039 9A19/840/277V	1 lamp(s)	2	2	60	9	3,500	0.10	357.00
6.0 Carver Science Building 27.0 John Culver		Relamp existing fixture as indicated by m GREEN CREATIVE Relamp existing fixture as indicated by m GREEN CREATIVE	58039 9A19/840/277V	2 lamp(s) 1 lamp(s)	2	4	84 60	18	2,600	0.13	343.20 208.00
8.0 College Hall		Relamp existing fixture as indicated by if GREEN CREATIVE		1 lamp(s)	1	1	60	8	3,500	0.10	182.00
28.0 Campus Services		Relamp existing fixture as indicated by m GREEN CREATIVE		1 lamp(s)	1	1	60	8	2,000	0.05	104.00
5.0 Combined Athletic Complex		Relamp existing fixture as indicated by m GREEN CREATIVE		1 lamp(s)	2	2	60	8	500	0.10	52.00
23.0 Washington Apartments 4.0 Buxton Hall		Relamp existing fixture as indicated by m GREEN CREATIVE Relamp existing fixture as indicated by m GREEN CREATIVE		1 lamp(s) 2 lamp(s)	2	2	60 64	8 18	500 500	0.10	52.00 46.00
28.0 Campus Services	EF2G-RI RL	Relamp existing fixture as indicated by m GREEN CREATIVE	58039 9A19/840/277V	1 lamp(s)	1	1	32	9	500	0.02	11.50
8.0 College Hall		Relamp existing fixture as indicated by m GREEN CREATIVE		1 lamp(s)	35	35	60	13	3,500	1.65	5,757.50
16.0 Mary Berry Hall 3.0 Blank Peforming Arts		Relamp existing fixture as indicated by m GREEN CREATIVE Relamp existing fixture as indicated by m GREEN CREATIVE		1 lamp(s) 1 lamp(s)	12 16	12 16	60 60	13 13	3,500 500	0.56 0.75	1,974.00 376.00
18.0 Pfieffer Hall		Relamp existing fixture as indicated by it GREEN CREATIVE		1 lamp(s)	2	2	60	13	3,500	0.75	329.00
16.0 Mary Berry Hall	F8L-RL RL	Relamp existing fixture as indicated by m GREEN CREATIVE	58121 13PAR30DIM/940FL40	1 lamp(s)	2	2	60	13	2,600	0.09	244.40
27.0 John Culver		Relamp existing fixture as indicated by m GREEN CREATIVE		3 lamp(s)	1	3	96	14	2,000	0.08	164.00
3.0 Blank Peforming Arts 6.0 Carver Science Building		Relamp existing fixture as indicated by m GREEN CREATIVE Relamp existing fixture as indicated by m GREEN CREATIVE	97895 12T8/3F/840/BYP 97895 12T8/3F/840/BYP	2 lamp(s) 2 lamp(s)	18 10	36 20	50 50	24 24	2,600 3,500	0.47	1,216.80 910.00
11.0 Hillman Hall		Relamp existing fixture as indicated by if GREEN CREATIVE	97895 12T8/3F/840/BYP	2 lamp(s)	8	16	50	24	3,500	0.21	728.00
6.0 Carver Science Building	F3N-RL RL	Relamp existing fixture as indicated by m GREEN CREATIVE		2 lamp(s)	4	8	50	24	4,100	0.10	426.40
3.0 Blank Peforming Arts 30.0 Campus Exterior		Relamp existing fixture as indicated by m GREEN CREATIVE Relamp existing fixture as indicated by m GREEN CREATIVE		1 lamp(s) 1 lamp(s)	6 8	6 8	25 150	12 25	3,500 3,000	0.08 1.00	273.00 3,000.00
16.0 Mary Berry Hall		Relamp existing fixture as indicated by m GREEN CREATIVE		1 lamp(s)	3	3	120	25	2,600	0.29	741.00
19.0 Picken Hall	F10A-RI RL	Relamp existing fixture as indicated by m GREEN CREATIVE	97973 25HID/840/277V/E26/R	1 lamp(s)	4	4	100	25	2,000	0.30	600.00
17.0 McNeil Hall		Relamp existing fixture as indicated by m GREEN CREATIVE		1 lamp(s)	2	2	100	25	3,500	0.15	525.00
17.0 McNeil Hall 1.0 Amy Robertson		Relamp existing fixture as indicated by m GREEN CREATIVE Relamp existing fixture as indicated by m GREEN CREATIVE		1 lamp(s) 1 lamp(s)	1	1	100 120	25 25	3,000 2,000	0.08	225.00 190.00
6.0 Carver Science Building		Relamp existing fixture as indicated by it GREEN CREATIVE		1 lamp(s)	18	18	250	68	3,000	3.28	9,828.00
5.0 Combined Athletic Complex	F16A-RI RL	Relamp existing fixture as indicated by m GREEN CREATIVE	98097 68HID/840/277V/EX39	1 lamp(s)	10	10	250	68	2,600	1.82	4,732.00
7.0 Clinton Apartments		Relamp existing fixture as indicated by m GREEN CREATIVE		2 lamp(s)	36	72	84	22	3,500	2.23	7,812.00
23.0 Washington Apartments 21.0 Station Sqaure Apartments		Relamp existing fixture as indicated by m GREEN CREATIVE Relamp existing fixture as indicated by m GREEN CREATIVE		2 lamp(s) 1 lamp(s)	32 284	64 284	84 42	22 11	3,500 500	1.98 8.80	6,944.00 4,402.00
23.0 Washington Apartments		Relamp existing fixture as indicated by it GREEN CREATIVE		1 lamp(s)	36	36	42	11	3,500	1.12	3,906.00
26.0 SAE	F8B-RL RL	Relamp existing fixture as indicated by m GREEN CREATIVE	98140 11A19DIM/840	2 lamp(s)	16	32	84	22	3,500	0.99	3,472.00
9.0 Colonial Apartments		Relamp existing fixture as indicated by m GREEN CREATIVE		1 lamp(s)	28	28	42	11	3,500	0.87	3,038.00
20.0 Smith Chapel 14.0 Kresge Hall		Relamp existing fixture as indicated by m GREEN CREATIVE Relamp existing fixture as indicated by m GREEN CREATIVE		1 lamp(s) 1 lamp(s)	15 24	15 24	42 42	11	3,500 2,000	0.47	1,627.50
		Relamp existing fixture as indicated by if GREEN CREATIVE		2 lamp(s)	6	12	84	22	3,500	0.37	1,302.00
12.0 KKG											
15.0 LXA	F8A-RL RL	Relamp existing fixture as indicated by m GREEN CREATIVE		1 lamp(s)	12	12	42	11	3,500	0.37	
15.0 LXA 8.0 College Hall	F8A-RL RL F8B-RL RL	Relamp existing fixture as indicated by m GREEN CREATIVE	98140 11A19DIM/840	2 lamp(s)	10	20	84	22	2,000	0.62	1,240.00
15.0 LXA	F8A-RL RL F8B-RL RL F3R-RL RL		98140 11A19DIM/840 98140 11A19DIM/840								1,302.00 1,240.00 1,176.00 1,116.00

20.0 Smith Chapel						lamp(s)	9	9	42	11	3,500	0.28	976.50
7.0 Clinton Apartments						lamp(s)	30	60	84	22	500	1.86	930.00
13.0 Kent Campus Center						lamp(s)	8	8	42	11	3,500	0.25	868.00
19.0 Picken Hall						lamp(s)	4	8	84	22	3,500	0.25	868.00
21.0 Station Sqaure Apartments			Relamp existing fixture as indicated by m GREEN CREATIVE			lamp(s)	54	54	42	11	500	1.67	837.00
13.0 Kent Campus Center	F8A-RL					lamp(s)	7	7	42	11	3,500	0.22	759.50
14.0 Kresge Hall					1	lamp(s)	48	48	42	11	500	1.49	744.00
3.0 Blank Peforming Arts					1	lamp(s)	11	11	42	11	2,000	0.34	682.00
8.0 College Hall	F8A-RL				1	lamp(s)	6	6	42	11	3,500	0.19	651.00
10.0 Hamilton House	F8A-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE			lamp(s)	6	6	42	11	3,500	0.19	651.00
24.0 KTP	F8B-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE	98140 11A19DIM/840	2	lamp(s)	4	8	84	22	2,600	0.25	644.80
1.0 Amy Robertson	F8A-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE	98140 11A19DIM/840	1	lamp(s)	6	6	42	11	3,000	0.19	558.00
8.0 College Hall	F8A-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE	98140 11A19DIM/840	1	lamp(s)	5	5	42	11	3,500	0.16	542.50
27.0 John Culver	F8A-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE	98140 11A19DIM/840	1	lamp(s)	5	5	42	11	3,500	0.16	542.50
1.0 Amy Robertson	F8A-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE	98140 11A19DIM/840	1	lamp(s)	4	4	42	11	4,100	0.12	508.40
8.0 College Hall				98140 11A19DIM/840	1	lamp(s)	6	6	42	11	2,600	0.19	483.60
28.0 Campus Services			Relamp existing fixture as indicated by m GREEN CREATIVE	98140 11A19DIM/840	1	lamp(s)	7	7	42	11	2,000	0.22	434.00
13.0 Kent Campus Center			Relamp existing fixture as indicated by m GREEN CREATIVE		1	lamp(s)	5	5	42	11	2,600	0.16	403.00
23.0 Washington Apartments	F8B-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE	98140 11A19DIM/840	2	lamp(s)	11	22	84	22	500	0.68	341.00
3.0 Blank Peforming Arts						lamp(s)	3	3	42	11	3,500	0.09	325.50
10.0 Hamilton House	F8A-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE			lamp(s)	3	3	42	11	3,500	0.09	325.50
18.0 Pfieffer Hall						lamp(s)	3	3	42	11	3,500	0.09	325.50
27.0 John Culver						lamp(s)	2	4	84	22	2,600	0.12	322.40
21.0 Station Sqaure Apartments						lamp(s)	5	5	42	11	2,000	0.16	310.00
1.0 Amy Robertson						lamp(s)	2	2	42	11	4,100	0.06	254.20
2.0 Barker Hall						lamp(s)	2	2	42	11	4,100	0.06	254.20
2.0 Barker Hall						lamp(s)	2	4	84	22	2,000	0.12	248.00
12.0 KKG						lamp(s)	2	4	84	22	2,000	0.12	248.00
25.0 ATO	F8B-RL					lamp(s)	8	16	84	22	500	0.50	248.00
8.0 College Hall						lamp(s)	3	3	42	11	2,600	0.09	241.80
27.0 John Culver						lamp(s)	1 2	3	126 42	33 11	2,600	0.09	241.80
9.0 Colonial Apartments						lamp(s)					3,500		217.00
9.0 Colonial Apartments			Relamp existing fixture as indicated by m GREEN CREATIVE			lamp(s)	7	14	84	22	500	0.43	217.00
12.0 KKG						lamp(s)	14	14	42	11	500	0.43	217.00
1.0 Amy Robertson						lamp(s)	2	2	42	11	3,000	0.06	186.00
12.0 KKG						lamp(s)	1	3	126	33	2,000	0.09	186.00
24.0 KTP						lamp(s)	3	3	42	11	2,000	0.09	186.00
25.0 ATO						lamp(s)	3	3	42	11	2,000	0.09	186.00
12.0 KKG						lamp(s)	2	2	42	11	2,600	0.06	161.20
8.0 College Hall						lamp(s)	5	10	84	22	500	0.31	155.00
9.0 Colonial Apartments	F8B-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE			lamp(s)	5	10	84	22	500	0.31	155.00
5.0 Combined Athletic Complex						lamp(s)	9	9	42	11	500	0.28	139.50
1.0 Amy Robertson			Relamp existing fixture as indicated by m GREEN CREATIVE			lamp(s)	1	1	42	11	4,100	0.03	127.10
2.0 Barker Hall	F8B-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE			lamp(s)	1	2	84	22	2,000	0.06	124.00
11.0 Hillman Hall			Relamp existing fixture as indicated by m GREEN CREATIVE			lamp(s)	2	2	42	11	2,000	0.06	124.00
6.0 Carver Science Building	F8A-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE			lamp(s)	1	1	42	11	3,500	0.03	108.50
8.0 College Hall			Relamp existing fixture as indicated by m GREEN CREATIVE			lamp(s)	1	1	42	11	3,500	0.03	108.50
10.0 Hamilton House						lamp(s)	1	1	42	11	3,500	0.03	108.50
2.0 Barker Hall			Relamp existing fixture as indicated by m GREEN CREATIVE			lamp(s)	1	1	42	11	2,000	0.03	62.00
17.0 McNeil Hall						lamp(s)	1	1	42	11	2,000	0.03	62.00
18.0 Pfieffer Hall						lamp(s)	1	1	42	11	2,000	0.03	62.00
26.0 SAE						lamp(s)	1	1	42	11	2,000	0.03	62.00
29.0 Central Plant						lamp(s)	2	4	84	22	500	0.12	62.00
16.0 Mary Berry Hall							3	3	42	11	500	0.12	46.50
						lamp(s)	2	2	42	11			
6.0 Carver Science Building			Relamp existing fixture as indicated by m GREEN CREATIVE			lamp(s)					500	0.06	31.00
8.0 College Hall	F8B-RL					lamp(s)	1	2	84	22	500	0.06	31.00
24.0 KTP			Relamp existing fixture as indicated by m GREEN CREATIVE			lamp(s)	1	2	84	22	500	0.06	31.00
27.0 John Culver			Relamp existing fixture as indicated by m GREEN CREATIVE			lamp(s)	2	2	42	11	500	0.06	31.00
27.0 John Culver			Relamp existing fixture as indicated by m GREEN CREATIVE			lamp(s)	2	2	42	11	500	0.06	31.00
20.0 Smith Chapel						lamp(s)	1	1	42	11	500	0.03	15.50
11.0 Hillman Hall						lamp(s)	28	56	64	34	3,500	0.84	2,940.00
18.0 Pfieffer Hall						lamp(s)	14	28	64	34	3,500	0.42	1,470.00
18.0 Pfieffer Hall						lamp(s)	18	36	64	34	2,600	0.54	1,404.00
5.0 Combined Athletic Complex						lamp(s)	5	10	64	34	3,500	0.15	525.00
18.0 Pfieffer Hall			Relamp existing fixture as indicated by m GREEN CREATIVE		2	lamp(s)	5	10	64	34	3,500	0.15	525.00
20.0 Smith Chapel	F1D-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE	98163 17T8U6/840/BYP	2	lamp(s)	4	8	64	34	3,500	0.12	420.00
2.0 Barker Hall	F1F-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE	98163 17T8U6/840/BYP	2	lamp(s)	6	12	64	34	2,000	0.18	360.00
28.0 Campus Services	F1D-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE	98163 17T8U6/840/BYP	2	lamp(s)	4	8	64	34	2,600	0.12	312.00
5.0 Combined Athletic Complex	F1F-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE	98163 17T8U6/840/BYP	2	lamp(s)	3	6	64	34	2,600	0.09	234.00
5.0 Combined Athletic Complex			Relamp existing fixture as indicated by m GREEN CREATIVE		2	lamp(s)	2	4	64	34	3,500	0.06	210.00
11.0 Hillman Hall	F1D-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE			lamp(s)	2	4	64	34	3,500	0.06	210.00
26.0 SAE			Relamp existing fixture as indicated by m GREEN CREATIVE			lamp(s)	2	4	64	34	3,500	0.06	210.00
28.0 Campus Services			Relamp existing fixture as indicated by m GREEN CREATIVE			lamp(s)	2	4	64	34	3,500	0.06	210.00
3.0 Blank Peforming Arts						lamp(s)	9	18	64	34	500	0.27	135.00
20.0 Smith Chapel						lamp(s)	8	16	64	34	500	0.24	120.00
15.0 LXA						lamp(s)	1	2	64	34	3,500	0.03	105.00
18.0 Pfieffer Hall						lamp(s)	1	2	64	34	3,500	0.03	105.00
26.0 SAE						lamp(s)	1	2	64	34	3,500	0.03	105.00
20.0 Smith Chapel			Relamp existing fixture as indicated by in GREEN CREATIVE			lamp(s)	7	14	64	34	500	0.21	105.00
24.0 KTP						lamp(s)	1	2	64	34	2,600	0.03	78.00
11.0 Hillman Hall						lamp(s)	2	4	64	34	500	0.06	30.00
19.0 Picken Hall						lamp(s)	2	4	64	34	500	0.06	30.00
2.0 Barker Hall			Relamp existing fixture as indicated by if GREEN CREATIVE			lamp(s)	1	2	64	34	500	0.03	15.00
25.0 ATO						lamp(s)	1	2	64	34	500	0.03	15.00
25.0 ATO			Relamp existing fixture as indicated by it GREEN CREATIVE  Relamp existing fixture as indicated by it GREEN CREATIVE			lamp(s)	1	2	64	34	500	0.03	15.00
22.0 Wallace Hall						lamp(s)	8	8	120	20	2,600	0.80	2,090.40
3.0 Blank Peforming Arts			Relamp existing fixture as indicated by m GREEN CREATIVE			lamp(s)	4	4	60	20	3,500	0.16	567.00
13.0 Kent Campus Center						lamp(s)	22	88	168	62	4,100	2.33	9,561.20
13.0 Kent Campus Center						lamp(s)	12 14	36 28	126 84	47 31	4,100	0.95	3,886.80 2,597.00
13.0 Kent Campus Center						lamp(s)					3,500		
5.0 Combined Athletic Complex			Relamp existing fixture as indicated by m GREEN CREATIVE			lamp(s)	12	12	42	16	2,600	0.32	826.80
16.0 Mary Berry Hall			Relamp existing fixture as indicated by m GREEN CREATIVE			lamp(s)	4	8	84	31	3,000	0.21	636.00
15.0 LXA			Relamp existing fixture as indicated by m GREEN CREATIVE			lamp(s)	16	16	42	17	3,000	0.41	1,224.00
15.0 LXA			Relamp existing fixture as indicated by m GREEN CREATIVE			lamp(s)	11	11	42	17	3,500	0.28	981.75
3.0 Blank Peforming Arts			Relamp existing fixture as indicated by m GREEN CREATIVE			lamp(s)	6	6	42	17	3,500	0.15	535.50
22.0 Wallace Hall						lamp(s)	1	1	25	15	3,000	0.01	31.50
3.0 Blank Peforming Arts						lamp(s)	19	38	54	23	3,000	0.59	1,767.00
5.0 Combined Athletic Complex	F1T-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE	98298 11.5T5HO/2F/840/BYP	2	lamp(s)	11	22	54	23	4,100	0.34	1,398.10
3.0 Blank Peforming Arts					4	lamp(s)	8	32	100	46	500	0.43	216.00
3.0 Blank Peforming Arts						lamp(s)	2	4	54	23	500	0.06	31.00
28.0 Campus Services						lamp(s)	29	174	324	150	3,000		15,138.00
5.0 Combined Athletic Complex						lamp(s)	16	96	324	150	3,000	2.78	8,352.00
5.0 Combined Athletic Complex						lamp(s)	61	61	54	25	3,500	1.77	6,191.50
5.0 Combined Athletic Complex						lamp(s)	26	52	108	50	3,000	1.51	4,524.00
3.0 Blank Peforming Arts						lamp(s)	6	36	324	150	3,500	1.04	3,654.00
3.0 Blank Peforming Arts													2,714.40
	F1L-RI	RL	Relamp existing fixture as indicated by m GREEN CREATIVE	98304 25T5HO/4F/840/BYP	2	lamp(s)	18	36	108	50	2,600	1.04	2,714.40
3.0 Blank Peforming Arts						lamp(s) lamp(s)	18 4	36 24	108 324	50 150	2,600 3,500	1.04 0.70	2,436.00
	F6B-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE	98304 25T5HO/4F/840/BYP	6	lamp(s)	4	24	324	150	3,500	0.70	2,436.00
3.0 Blank Peforming Arts 6.0 Carver Science Building 5.0 Combined Athletic Complex	F6B-RL F6B-RL	RL RL		98304 25T5HO/4F/840/BYP 98304 25T5HO/4F/840/BYP	6 I								

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29.0 Central Plant						amp(s)	8	16	108	50	3,000	0.46	1,392.00
28.0 Campus Services						amp(s)	2	12	324	150	3,500	0.35	1,218.00
1.0 Amy Robertson			Relamp existing fixture as indicated by rr GREEN CREATIVE			amp(s)	9	54	324	150	500	1.57	783.00
29.0 Central Plant						amp(s)	7	42	324	150	500	1.22	609.00
5.0 Combined Athletic Complex			Relamp existing fixture as indicated by m GREEN CREATIVE			amp(s)	4	8	108	50	2,000	0.23	464.00
5.0 Combined Athletic Complex			Relamp existing fixture as indicated by m GREEN CREATIVE			amp(s)	6	6	54	25	2,600	0.17	452.40
5.0 Combined Athletic Complex	F3K-RL		Relamp existing fixture as indicated by m GREEN CREATIVE			amp(s)	8	16	108	50	500	0.46	232.00
5.0 Combined Athletic Complex	F3J-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE	98304 25T5HO/4F/840/BYP	1	amp(s)	3	3	54	25	2,000	0.09	174.00
5.0 Combined Athletic Complex	F3J-RL		Relamp existing fixture as indicated by m GREEN CREATIVE		1	amp(s)	12	12	54	25	500	0.35	174.00
5.0 Combined Athletic Complex	F5H-RL		Relamp existing fixture as indicated by m GREEN CREATIVE	98304 25T5HO/4F/840/BYP	2	amp(s)	6	12	108	50	500	0.35	174.00
3.0 Blank Peforming Arts	F1L-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE	98304 25T5HO/4F/840/BYP	2	amp(s)	5	10	108	50	500	0.29	145.00
5.0 Combined Athletic Complex	F5G-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE	98304 25T5HO/4F/840/BYP	1	amp(s)	10	10	54	25	500	0.29	145.00
5.0 Combined Athletic Complex	F5G-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE	98304 25T5HO/4F/840/BYP	1	amp(s)	8	8	54	25	500	0.23	116.00
13.0 Kent Campus Center	F3J-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE	98304 25T5HO/4F/840/BYP	1	amp(s)	8	8	54	25	500	0.23	116.00
5.0 Combined Athletic Complex	F1L-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE	98304 25T5HO/4F/840/BYP	2	amp(s)	2	4	108	50	500	0.12	58.00
5.0 Combined Athletic Complex	F5G-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE	98304 25T5HO/4F/840/BYP	1	amp(s)	1	1	54	25	500	0.03	14.50
3.0 Blank Peforming Arts			Relamp existing fixture as indicated by m GREEN CREATIVE			amp(s)	2	4	108	50	-	0.12	0.00
5.0 Combined Athletic Complex	F1L-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE			amp(s)	38	76	108	50	-	2.20	0.00
2.0 Barker Hall	F1A-2L	(C)	Relamp existing fixture with new lamps a GREEN CREATIVE	98335 14T8/4F/840/EXT/98259 15T8	2	amps	28	56	64	28	3,000	1.01	3,024.00
20.0 Smith Chapel			Relamp existing fixture with new lamps a GREEN CREATIVE	98335 14T8/4F/840/EXT/98259 15T8			15	30	64	28	2,000	0.54	1,080.00
3.0 Blank Peforming Arts	F15B-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE			amp(s)	12	12	32	5	3,000	0.32	972.00
2.0 Barker Hall			Relamp existing fixture as indicated by m GREEN CREATIVE			amp(s)	13	13	32	9	3,500	0.31	1,069.25
18.0 Pfieffer Hall			Relamp existing fixture as indicated by m GREEN CREATIVE			amp(s)	1	1	18	6	500	0.01	6.25
22.0 Wallace Hall			Relamp existing fixture as indicated by m GREEN CREATIVE			amp(s)	108	216	64	16	2,600	5.18	13,478.40
3.0 Blank Peforming Arts			Relamp existing fixture as indicated by m GREEN CREATIVE			amp(s)	67	134	64	16	2,600	3.22	8.361.60
13.0 Kent Campus Center			Relamp existing fixture as indicated by m GREEN CREATIVE	, . , ,		amp(s)	66	66	32	8	3,500	1.58	5,544.00
22.0 Wallace Hall			Relamp existing fixture as indicated by m GREEN CREATIVE			amp(s)	36	72	64	16	2,600	1.73	4,492.80
13.0 Kent Campus Center	F9E-RL		Relamp existing fixture as indicated by if GREEN CREATIVE	, ,		amp(s)	71	71	32	8	2,600	1.70	4,430.40
18.0 Pfieffer Hall	F9C-RL		Relamp existing fixture as indicated by in GREEN CREATIVE			amp(s)	35	70	64	16	2,600	1.68	4,368.00
3.0 Blank Peforming Arts			Relamp existing fixture as indicated by if GREEN CREATIVE			amp(s)	20	40	64	16	2,600	0.96	2,496.00
25.0 ATO	F9C-RI												
			Relamp existing fixture as indicated by m GREEN CREATIVE Relamp existing fixture as indicated by m GREEN CREATIVE			amp(s) amp(s)	18	36	64 32	16 8	2,600	0.86	2,246.40
2.0 Barker Hall							26	26			3,500		2,184.00
24.0 KTP			Relamp existing fixture as indicated by m GREEN CREATIVE			amp(s)	20	40	64	16	2,000	0.96	1,920.00
3.0 Blank Peforming Arts	F9C-RL		Relamp existing fixture as indicated by m GREEN CREATIVE			amp(s)	16	32	64	16	2,000	0.77	1,536.00
13.0 Kent Campus Center	F9E-RL		Relamp existing fixture as indicated by m GREEN CREATIVE			amp(s)	18	18	32	8	3,500	0.43	1,512.00
24.0 KTP	F9C-RL		Relamp existing fixture as indicated by m GREEN CREATIVE			amp(s)	15	30	64	16	2,000	0.72	1,440.00
13.0 Kent Campus Center			Relamp existing fixture as indicated by m GREEN CREATIVE			amp(s)	17	17	32	8	2,600	0.41	1,060.80
13.0 Kent Campus Center			Relamp existing fixture as indicated by m GREEN CREATIVE			amp(s)	16	16	32	8	2,000	0.38	768.00
3.0 Blank Peforming Arts			Relamp existing fixture as indicated by m GREEN CREATIVE			amp(s)	6	12	64	16	2,600	0.29	748.80
24.0 KTP			Relamp existing fixture as indicated by rr GREEN CREATIVE			amp(s)	4	8	64	16	3,500	0.19	672.00
18.0 Pfieffer Hall			Relamp existing fixture as indicated by m GREEN CREATIVE			amp(s)	5	10	64	16	2,600	0.24	624.00
2.0 Barker Hall			Relamp existing fixture as indicated by m GREEN CREATIVE			amp(s)	6	6	32	8	3,500	0.14	504.00
13.0 Kent Campus Center			Relamp existing fixture as indicated by m GREEN CREATIVE			amp(s)	4	8	64	16	2,600	0.19	499.20
2.0 Barker Hall			Relamp existing fixture as indicated by m GREEN CREATIVE		1	amp(s)	4	4	32	8	4,100	0.10	393.60
25.0 ATO			Relamp existing fixture as indicated by m GREEN CREATIVE	98402 8PLH/840/HYBM	2	amp(s)	15	30	64	16	500	0.72	360.00
2.0 Barker Hall	F9E-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE	98402 8PLH/840/HYBM	1	amp(s)	6	6	32	8	2,000	0.14	288.00
13.0 Kent Campus Center	F15H-RI	RL	Relamp existing fixture as indicated by m GREEN CREATIVE	98402 8PLH/840/HYBM	6	amp(s)	1	6	192	48	2,000	0.14	288.00
25.0 ATO	F9C-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE	98402 8PLH/840/HYBM	2	amp(s)	2	4	64	16	2,600	0.10	249.60
13.0 Kent Campus Center	F9E-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE	98402 8PLH/840/HYBM	1	amp(s)	16	16	32	8	500	0.38	192.00
13.0 Kent Campus Center	F9E-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE	98402 8PLH/840/HYBM	1	amp(s)	2	2	32	8	2,600	0.05	124.80
3.0 Blank Peforming Arts	F9C-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE	98402 8PLH/840/HYBM	2	amp(s)	1	2	64	16	2,000	0.05	96.00
6.0 Carver Science Building	F9K-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE	98410 5.5PLSH/840/HYB/GX23	2	amp(s)	12	24	26	11	3,500	0.18	630.00
6.0 Carver Science Building	F9K-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE	98410 5.5PLSH/840/HYB/GX23	2	amp(s)	8	16	26	11	3,500	0.12	420.00
6.0 Carver Science Building	F9K-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE	98410 5.5PLSH/840/HYB/GX23	2	amp(s)	42	84	26	11	500	0.63	315.00
6.0 Carver Science Building	F9K-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE			amp(s)	8	16	26	11	2,000	0.12	240.00
6.0 Carver Science Building	F9K-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE			amp(s)	4	8	26	11	2,000	0.06	120.00
6.0 Carver Science Building	F8J-RL	RL	Relamp existing fixture as indicated by m GREEN CREATIVE			amp(s)	3	3	65	16	3,500	0.15	519.75
20.0 Smith Chapel						amp(s)	4	4	65	16	2,600	0.20	514.80
6.0 Carver Science Building	F2A-2L					amps	330	660	64	29	4,100	11.55	47,355.00
28.0 Campus Services	F4F-K1	K1			4	cit(s)	55	220	192	58	2,600		19,162.00
28.0 Campus Services	F1C-4L	4L				amps	68	272	128	58	3,500		16,660.00
14.0 Kresge Hall	F3A-2L		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE			amps	106	212	64	29	3,500		12,985.00
14.0 Kresge Hall						amps	48	192	128	58	3,500		11,760.00
2.0 Barker Hall						amps	40	160	128	58	4,100		11,480.00
6.0 Carver Science Building			700			amps	93	186	64	29	3,500		11,392.50
17.0 McNeil Hall			Relamp fixture with 4 new Type-B LED tu GREEN CREATIVE			amps	42	168	128	58	3,500		10,290.00
22.0 Wallace Hall			Relamp fixture with 3 new Type-B LED to GREEN CREATIVE			amps	60	180	96	44	3,000	3.12	9,360.00
13.0 Kent Campus Center			Relamp fixture with 2 new Type-B LED to GREEN CREATIVE			amps	75	150	64	29	3,500	2.63	9,187.50
16.0 Mary Berry Hall			Relamp fixture with 4 new Type-B LED to GREEN CREATIVE			amps	29	116	128	58	3,500	2.03	7,105.00
2.0 Barker Hall			Relamp fixture with 2 new Type-B LED to GREEN CREATIVE			amps	99	198	64	29	2,000	3.47	6,930.00
16.0 Mary Berry Hall			Relamp fixture with 4 new Type-B LED tt GREEN CREATIVE			amps amps	47	198	128	29 58	2,000	3.47	6,580.00
			Relamp fixture with 4 new Type-B LED to GREEN CREATIVE						64				5,635.00
4.0 Buxton Hall						amps	46	92		29	3,500	2.80	
5.0 Combined Athletic Complex			Relamp fixture with 4 new Type-B LED tr GREEN CREATIVE Retrofit existing fixture with new kit as ir GREEN CREATIVE			amps vit(s)	40	160	128	58	2,000	2.80	5,600.00
1.0 Amy Robertson						kit(s)	29	58	125	29	2,000	2.78	5,568.00
28.0 Campus Services 21.0 Station Sqaure Apartments			Relamp fixture with 4 new Type-B LED ti GREEN CREATIVE Relamp fixture with 4 new Type-B LED ti GREEN CREATIVE			amps amps	22 24	96	128 128	58 58	3,500 3,000	1.54	5,390.00 5,040.00
						amps	72	144	64	29	2,000	2.52	5,040.00
7.0 Clinton Apartments													
7.0 Clinton Apartments						amps	36	144	128	58 29	2,000	2.52 2.45	5,040.00
19.0 Picken Hall						amps	70	140	64		2,000		4,900.00
18.0 Pfieffer Hall			Relamp fixture with 2 new Type-B LED to GREEN CREATIVE			amps	37	74	64	29	3,500	1.30	4,532.50
13.0 Kent Campus Center 14.0 Kresge Hall			Relamp fixture with 2 new Type-B LED tr GREEN CREATIVE Relamp fixture with 4 new Type-B LED tr GREEN CREATIVE			amps	36	72	64	29	3,500	1.26	4,410.00
						amps	31	124	128	58	2,000	2.17	4,340.00
28.0 Campus Services			Retrofit existing fixture with new kit as ir GREEN CREATIVE			cit(s)	63	252	192	58	500	8.44	4,221.00
2.0 Barker Hall			Relamp fixture with 2 new Type-B LED to GREEN CREATIVE			amps	46	92	64	29	2,600	1.61	4,186.00
20.0 Smith Chapel			Relamp fixture with 4 new Type-B LED to GREEN CREATIVE			amps	22	88	128	58	2,600	1.54	4,004.00
4.0 Buxton Hall			Relamp fixture with 2 new Type-B LED to GREEN CREATIVE			amps	53	106	64	29	2,000	1.86	3,710.00
5.0 Combined Athletic Complex			Relamp fixture with 2 new Type-B LED tr GREEN CREATIVE			amps	30	60	64	29	3,500	1.05	3,675.00
19.0 Picken Hall			Relamp fixture with 2 new Type-B LED tr GREEN CREATIVE			amps	29	58	64	29	3,500	1.02	3,552.50
5.0 Combined Athletic Complex			Relamp fixture with 4 new Type-B LED tr GREEN CREATIVE			amps	14	56	128	58	3,500	0.98	3,430.00
9.0 Colonial Apartments			Relamp fixture with 4 new Type-B LED tı GREEN CREATIVE			amps	14	56	128	58	3,500	0.98	3,430.00
22.0 Wallace Hall			Relamp fixture with 3 new Type-B LED tu GREEN CREATIVE			amps	30	90	96	44	2,000	1.56	3,120.00
13.0 Kent Campus Center			Relamp fixture with 2 new Type-B LED to GREEN CREATIVE			amps	25	50	64	29	3,500	0.88	3,062.50
5.0 Combined Athletic Complex			Relamp fixture with 2 new Type-B LED to GREEN CREATIVE			amps	24	48	64	29	3,500	0.84	2,940.00
11.0 Hillman Hall			Relamp fixture with 2 new Type-B LED to GREEN CREATIVE			amps	24	48	64	29	3,500	0.84	2,940.00
6.0 Carver Science Building			Relamp fixture with 2 new Type-B LED to GREEN CREATIVE			amps	42	84	64	29	2,000	1.47	2,940.00
5.0 Combined Athletic Complex			Relamp fixture with 4 new Type-B LED tu GREEN CREATIVE		4	amps	16	64	128	58	2,600	1.12	2,912.00
8.0 College Hall			Relamp fixture with 2 new Type-B LED tu GREEN CREATIVE		2	amps	27	54	64	29	3,000	0.95	2,835.00
13.0 Kent Campus Center						amps	30	60	64	29	2,600	1.05	2,730.00
2.0 Barker Hall						amps	22	44	64	29	3,500	0.77	2,695.00
6.0 Carver Science Building						amps	141	282	64	29	500	4.94	2,467.50
25.0 ATO						amps	20	40	64	29	3,500	0.70	2,450.00
11.0 Hillman Hall						amps	18	54	96	44	2,600	0.94	2,433.60
16.0 Mary Berry Hall						amps	22	66	96	44	2,000	1.14	2,288.00
15.0 LXA			Relamp fixture with 2 new Type-B LED tu GREEN CREATIVE			amps	18	36	64	29	3,500	0.63	2,205.00
28.0 Campus Services			Relamp fixture with 2 new Type-B LED tu GREEN CREATIVE			amps	18	36	64	29	3,500	0.63	2,205.00
3.0 Blank Peforming Arts			Retrofit existing fixture with new kit as ir GREEN CREATIVE			cit(s)	4	16	192	58	4,100	0.54	2,197.60
3.0 Blank Peforming Arts										44		0.62	2,184.00
	F1B-3L	3L	Relamp fixture with 3 new Type-B LED to GREEN CREATIVE		3	amps	12	36	96	44	3,500		
3.0 Blank Peforming Arts 15.0 LXA	F1C-4L	4L	Relamp fixture with 4 new Type-B LED tt GREEN CREATIVE Relamp fixture with 4 new Type-B LED tt GREEN CREATIVE Relamp fixture with 4 new Type-B LED tt GREEN CREATIVE	98473 14.5T8/4F/840/BYP	4	amps amps	12 10 10	36 40 40	96 128 128	58 58	3,000 3,000	0.70	2,100.00 2,100.00

5.0.C. white daubterie County	F26 41		Dalama Cara and American Control Control	00473 44 570 45 1040 1040		1.			co.	420	50	2.000	4.05	2 400 00
5.0 Combined Athletic Complex 22.0 Wallace Hall			Relamp fixture with 4 new Type-B LED tL GREEN CREATIVE Relamp fixture with 2 new Type-B LED tL GREEN CREATIVE	98473 14.518/4F/840/BYP 98473 14.5T8/4F/840/BYP					60 60	128 64	58 29	2,000	1.05	2,100.00
3.0 Blank Peforming Arts				98473 14.5T8/4F/840/BYP					34	64	29	3,500	0.60	2,082.50
25.0 ATO				98473 14.5T8/4F/840/BYP					34	64	29	3,500	0.60	2,082.50
10.0 Hamilton House			Relamp fixture with 4 new Type-B LED to GREEN CREATIVE						44	128	58	2,600	0.77	2,002.00
11.0 Hillman Hall	F2B-3L			98473 14.5T8/4F/840/BYP					33	96	44	3,500	0.57	2.002.00
6.0 Carver Science Building	F2A-2L	2L	Relamp fixture with 2 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP					32	64	29	3,500	0.56	1,960.00
14.0 Kresge Hall	F1C-4L	4L	Relamp fixture with 4 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP	4	la	imps	8	32	128	58	3,500	0.56	1,960.00
11.0 Hillman Hall	F1A-2L	2L	Relamp fixture with 2 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP	2	la	imps	27	54	64	29	2,000	0.95	1,890.00
5.0 Combined Athletic Complex	F3B-3L	3L		98473 14.5T8/4F/840/BYP					51	96	44	2,000	0.88	1,768.00
2.0 Barker Hall	F1C-4L		Relamp fixture with 4 new Type-B LED tr GREEN CREATIVE				imps		24	128	58	4,100	0.42	1,722.00
16.0 Mary Berry Hall	F2C-4L			98473 14.5T8/4F/840/BYP			imps		24	128	58	4,100	0.42	1,722.00
11.0 Hillman Hall			Relamp fixture with 4 new Type-B LED to GREEN CREATIVE				mps		28	128	58	3,500	0.49	1,715.00
13.0 Kent Campus Center				98473 14.5T8/4F/840/BYP					28 48	64 64	29 29	3,500 2,000	0.49	1,715.00 1,680.00
9.0 Colonial Apartments 17.0 McNeil Hall			Relamp fixture with 2 new Type-B LED tr GREEN CREATIVE Relamp fixture with 3 new Type-B LED tr GREEN CREATIVE	98473 14.5T8/4F/840/BYP			•		48 48	96	44	2,000	0.83	1,664.00
13.0 Kent Campus Center			Relamp fixture with 2 new Type-B LED to GREEN CREATIVE						36	64	29	2,600	0.63	1,638.00
23.0 Washington Apartments			Relamp fixture with 2 new Type-B LED to GREEN CREATIVE						26	64	29	3,500	0.46	1,592.50
2.0 Barker Hall			Relamp fixture with 3 new Type-B LED to GREEN CREATIVE						45	96	44	2,000	0.78	1,560.00
6.0 Carver Science Building				98473 14.5T8/4F/840/BYP					34	64	29	2,600	0.60	1,547.00
18.0 Pfieffer Hall	F4B-2L	2L	Relamp fixture with 2 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP	2	la	imps	17	34	64	29	2,600	0.60	1,547.00
5.0 Combined Athletic Complex	F1C-4L	4L	Relamp fixture with 4 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP	4	la	imps	6	24	128	58	3,500	0.42	1,470.00
6.0 Carver Science Building	F2A-2L	2L	Relamp fixture with 2 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP	2	la	imps	12	24	64	29	3,500	0.42	1,470.00
16.0 Mary Berry Hall				98473 14.5T8/4F/840/BYP			imps		24	128	58	3,500	0.42	1,470.00
23.0 Washington Apartments				98473 14.5T8/4F/840/BYP					24	64	29	3,500	0.42	1,470.00
19.0 Picken Hall				98473 14.5T8/4F/840/BYP					32	64	29	2,600	0.56	1,456.00
28.0 Campus Services				98473 14.5T8/4F/840/BYP			imps		24	96	44	3,500	0.42	1,456.00
9.0 Colonial Apartments				98473 14.5T8/4F/840/BYP			it(s)		12 40	192	58 29	3,500	0.40	1,407.00
24.0 KTP 26.0 SAE	F4B-2L F3A-2L		, ,,	98473 14.5T8/4F/840/BYP 98473 14.5T8/4F/840/BYP					40	64 64	29	2,000	0.70	1,400.00 1,400.00
17.0 McNeil Hall				98473 14.5T8/4F/840/BYP					30	96	44	2,600	0.52	1,352.00
17.0 McNeil Hall				98473 14.5T8/4F/840/BYP					22	64	29	3,500	0.32	1,347.50
5.0 Combined Athletic Complex			Relamp fixture with 3 new Type-B LED to GREEN CREATIVE				imps		21	96	44	3,500	0.36	1,274.00
16.0 Mary Berry Hall	F1B-3L			98473 14.5T8/4F/840/BYP			mps		21	96	44	3,500	0.36	1,274.00
12.0 KKG	F3A-2L			98473 14.5T8/4F/840/BYP					28	64	29	2,600	0.49	1,274.00
5.0 Combined Athletic Complex	F3A-2L	2L	Relamp fixture with 2 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP	2	la	imps	18	36	64	29	2,000	0.63	1,260.00
5.0 Combined Athletic Complex	F6E-6L		Relamp fixture with 6 new Type-B LED to GREEN CREATIVE						44	192	87	500	2.52	1,260.00
21.0 Station Sqaure Apartments			Relamp fixture with 2 new Type-B LED tu GREEN CREATIVE						44	64	29	500	2.52	1,260.00
5.0 Combined Athletic Complex			Relamp fixture with 2 new Type-B LED tr GREEN CREATIVE						20	64	29	3,500	0.35	1,225.00
5.0 Combined Athletic Complex				98473 14.5T8/4F/840/BYP					20	64	29	3,500	0.35	1,225.00
6.0 Carver Science Building			Relamp fixture with 2 new Type-B LED tu GREEN CREATIVE						20	64	29	3,500	0.35	1,225.00
13.0 Kent Campus Center				98473 14.5T8/4F/840/BYP					20	64	29	3,500	0.35	1,225.00
15.0 LXA 26.0 SAE			Relamp fixture with 2 new Type-B LED tr GREEN CREATIVE Relamp fixture with 4 new Type-B LED tr GREEN CREATIVE				imps imps		20 20	64 128	29 58	3,500 3,500	0.35	1,225.00 1,225.00
4.0 Buxton Hall			Relamp fixture with 4 new Type-B LED to GREEN CREATIVE				imps		32	128	58	2,000	0.56	1,120.00
17.0 McNeil Hall				98473 14.5T8/4F/840/BYP					32	64	29	2,000	0.56	1,120.00
15.0 LXA			Relamp fixture with 2 new Type-B LED to GREEN CREATIVE				imps		18	64	29	3,500	0.32	1,102.50
28.0 Campus Services				98473 14.5T8/4F/840/BYP			imps		18	64	29	3,500	0.32	1,102.50
11.0 Hillman Hall			Relamp fixture with 4 new Type-B LED to GREEN CREATIVE				imps	6	24	128	58	2,600	0.42	1,092.00
11.0 Hillman Hall	F2C-4L	4L	Relamp fixture with 4 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP	4	la	imps	6	24	128	58	2,600	0.42	1,092.00
12.0 KKG				98473 14.5T8/4F/840/BYP	4	la	imps		24	128	58	2,600	0.42	1,092.00
17.0 McNeil Hall				98473 14.5T8/4F/840/BYP					24	64	29	2,600	0.42	1,092.00
28.0 Campus Services				98473 14.5T8/4F/840/BYP					24	64	29	2,600	0.42	1,092.00
2.0 Barker Hall				98473 14.5T8/4F/840/BYP			F -		30	64	29	2,000	0.53	1,050.00
2.0 Barker Hall 11.0 Hillman Hall			Relamp fixture with 4 new Type-B LED tr GREEN CREATIVE	98473 14.518/4F/84U/BYP 98473 14.5T8/4F/840/BYP			imps		16	128 128	58 58	3,500	0.28	980.00
14.0 Kresge Hall			Relamp fixture with 4 new Type-B LED tr GREEN CREATIVE Relamp fixture with 4 new Type-B LED tr GREEN CREATIVE				imps imps		16 16	128	58	3,500 3,500	0.28	980.00
20.0 Smith Chapel			Relamp fixture with 2 new Type-B LED to GREEN CREATIVE				imps		16	64	29	3,500	0.28	980.00
28.0 Campus Services	F1C-4L		Relamp fixture with 4 new Type-B LED to GREEN CREATIVE				imps		16	128	58	3,500	0.28	980.00
9.0 Colonial Apartments				98473 14.5T8/4F/840/BYP			mps		28	128	58	2,000	0.49	980.00
24.0 KTP			Relamp fixture with 4 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP			mps	7	28	128	58	2,000	0.49	980.00
5.0 Combined Athletic Complex	F3B-3L	3L	Relamp fixture with 3 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP	3	la	imps	7	21	96	44	2,600	0.36	946.40
2.0 Barker Hall			Relamp fixture with 2 new Type-B LED to GREEN CREATIVE		2	la	imps		18	64	29	3,000	0.32	945.00
28.0 Campus Services			Retrofit existing fixture with new kit as ir GREEN CREATIVE				t(s)		28	96	58	3,500	0.27	931.00
5.0 Combined Athletic Complex			Relamp fixture with 2 new Type-B LED tu GREEN CREATIVE						26	64	29	2,000	0.46	910.00
6.0 Carver Science Building			Relamp fixture with 4 new Type-B LED tu GREEN CREATIVE						04	128	58	500	1.82	910.00
13.0 Kent Campus Center			Relamp fixture with 2 new Type-B LED to GREEN CREATIVE						20	64	29	2,600	0.35	910.00
19.0 Picken Hall 20.0 Smith Chapel			Relamp fixture with 4 new Type-B LED tr GREEN CREATIVE Relamp fixture with 4 new Type-B LED tr GREEN CREATIVE				imps imps		20 12	128 128	58 58	2,600 4,100	0.35	910.00 861.00
5.0 Combined Athletic Complex			Relamp fixture with 2 new Type-B LED to GREEN CREATIVE				imps		14	64	29	3,500	0.21	857.50
6.0 Carver Science Building			Relamp fixture with 2 new Type-B LED tt GREEN CREATIVE				imps		16	64	29	3,000	0.25	840.00
17.0 McNeil Hall			Relamp fixture with 4 new Type-B LED to GREEN CREATIVE						96	128	58	500	1.68	840.00
17.0 McNeil Hall			Relamp fixture with 2 new Type-B LED to GREEN CREATIVE				imps		18	64	29	2,600	0.32	819.00
11.0 Hillman Hall			Relamp fixture with 3 new Type-B LED tu GREEN CREATIVE				mps		18	96	44	2,600	0.31	811.20
7.0 Clinton Apartments			Retrofit existing fixture with new kit as ir GREEN CREATIVE		4	ki	it(s)	12	48	192	58	500	1.61	804.00
3.0 Blank Peforming Arts				98473 14.5T8/4F/840/BYP			mps		12	128	58	3,500	0.21	735.00
3.0 Blank Peforming Arts			Relamp fixture with 4 new Type-B LED tu GREEN CREATIVE				imps		12	128	58	3,500	0.21	735.00
5.0 Combined Athletic Complex				98473 14.5T8/4F/840/BYP			mps		12	64	29	3,500	0.21	735.00
7.0 Clinton Apartments			Relamp fixture with 2 new Type-B LED to GREEN CREATIVE				imps		12	64	29	3,500	0.21	735.00
8.0 College Hall			Relamp fixture with 2 new Type-B LED to GREEN CREATIVE				imps		12	120	29	3,500	0.21	735.00
5.0 Combined Athletic Complex 11.0 Hillman Hall			Relamp fixture with 4 new Type-B LED tr GREEN CREATIVE Relamp fixture with 4 new Type-B LED tr GREEN CREATIVE				imps imps		16 16	128 128	58 58	2,600 2,600	0.28	728.00 728.00
13.0 Kent Campus Center			Relamp fixture with 4 new Type-B LED tt GREEN CREATIVE  Relamp fixture with 2 new Type-B LED tt GREEN CREATIVE				imps imps		16	64	29	2,600	0.28	728.00
19.0 Picken Hall			Relamp fixture with 2 new Type-B LED tt GREEN CREATIVE				imps		16	64	29	2,600	0.28	728.00
13.0 Kent Campus Center			Relamp fixture with 2 new Type-B LED to GREEN CREATIVE						78	64	29	500	1.37	682.50
20.0 Smith Chapel				98473 14.5T8/4F/840/BYP			imps		14	64	29	2,600	0.25	637.00
26.0 SAE			Relamp fixture with 2 new Type-B LED to GREEN CREATIVE				imps		18	64	29	2,000	0.32	630.00
16.0 Mary Berry Hall			Relamp fixture with 1 new Type-B LED tu GREEN CREATIVE						72	32	15	500	1.26	630.00
15.0 LXA			Relamp fixture with 2 new Type-B LED tu GREEN CREATIVE				imps		10	64	29	3,500	0.18	612.50
16.0 Mary Berry Hall			Relamp fixture with 2 new Type-B LED tu GREEN CREATIVE				imps		10	64	29	3,500	0.18	612.50
22.0 Wallace Hall			Relamp fixture with 2 new Type-B LED tı GREEN CREATIVE				imps		10	64	29	3,500	0.18	612.50
28.0 Campus Services			Relamp fixture with 4 new Type-B LED to GREEN CREATIVE				imps	2	8	128	58	4,100	0.14	574.00
29.0 Central Plant			Relamp fixture with 4 new Type-B LED to GREEN CREATIVE				imps	2	16	128	58	4,100	0.14	574.00
4.0 Buxton Hall			Relamp fixture with 2 new Type-B LED to GREEN CREATIVE				imps		16	128	29	2,000	0.28	560.00
6.0 Carver Science Building 6.0 Carver Science Building			Relamp fixture with 4 new Type-B LED tr GREEN CREATIVE Relamp fixture with 2 new Type-B LED tr GREEN CREATIVE				imps imps		16 16	128 64	58 29	2,000	0.28	560.00 560.00
28.0 Campus Services			Relamp fixture with 4 new Type-B LED tt GREEN CREATIVE						64	128	58	500	1.12	560.00
18.0 Pfieffer Hall				98473 14.5T8/4F/840/BYP			imps	3	9	96	44	3,500	0.16	546.00
20.0 Smith Chapel			Relamp fixture with 2 new Type-B LED to GREEN CREATIVE				imps		12	64	29	2,600	0.21	546.00
17.0 McNeil Hall				98473 14.5T8/4F/840/BYP			imps		12	96	44	2,600	0.21	540.80
1.0 Amy Robertson			Relamp fixture with 1 new Type-B LED tı GREEN CREATIVE						15	32	15	2,000	0.26	525.00
7.0 Clinton Apartments			Relamp fixture with 2 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP					60	64	29	500	1.05	525.00
4.0 Buxton Hall	F3C-4L	4L	Relamp fixture with 4 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP	4	la	mps	2	8	128	58	3,500	0.14	490.00
13.0 Kent Campus Center				98473 14.5T8/4F/840/BYP			mps	4	8	64	29	3,500	0.14	490.00
14.0 Kresge Hall			Relamp fixture with 4 new Type-B LED to GREEN CREATIVE				mps	2	8	128	58	3,500	0.14	490.00
17.0 McNeil Hall				98473 14.5T8/4F/840/BYP			mps	2	8	128	58	3,500	0.14	490.00
24.0 KTP			Relamp fixture with 4 new Type-B LED tr GREEN CREATIVE				imps	2	8	128	58	3,500	0.14	490.00
24.0 KTP			Relamp fixture with 4 new Type-B LED to GREEN CREATIVE				imps	2	8	128	58	3,500	0.14	490.00
26.0 SAE	r3A-ZL	2L	Relamp fixture with 2 new Type-B LED to GREEN CREATIVE	JOH/ 3 14.J 18/4F/84U/BYP	2	ıa	imps	4	8	64	29	3,500	0.14	490.00

5.0 Combined Athletic Complex		Relamp fixture with 2 new Type-B LED tu GREEN CREATIVE			lamps	7	14	64	29	2,000	0.25	490.00
6.0 Carver Science Building		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	28	56	64	29	500	0.98	490.00
12.0 KKG		Relamp fixture with 3 new Type-B LED tu GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	18	54	96	44	500	0.94	468.00
14.0 Kresge Hall		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	5	10	64	29	2,600	0.18	455.00
17.0 McNeil Hall		Relamp fixture with 1 new Type-B LED tu GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamp	50	50	32	15	500	0.88	437.50
16.0 Mary Berry Hall		Relamp fixture with 2 new Type-B LED tu GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	3	6	64	29	4,100	0.11	430.50
3.0 Blank Peforming Arts		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	4	8	64	29	3,000	0.14	420.00
6.0 Carver Science Building		Relamp fixture with 2 new Type-B LED tu GREEN CREATIVE			lamps	4	8	64	29	3,000	0.14	420.00
9.0 Colonial Apartments		Relamp fixture with 2 new Type-B LED tu GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	4	8	64	29	3,000	0.14	420.00
5.0 Combined Athletic Complex		Relamp fixture with 2 new Type-B LED tu GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	6	12	64	29	2,000	0.21	420.00
3.0 Blank Peforming Arts		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	24	48	64	29	500	0.84	420.00
5.0 Combined Athletic Complex		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	24	48	64	29	500	0.84	420.00
5.0 Combined Athletic Complex		Relamp fixture with 3 new Type-B LED tu GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	4	12	96	44	2,000	0.21	416.00
16.0 Mary Berry Hall		Relamp fixture with 3 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	4	12	96	44	2,000	0.21	416.00
14.0 Kresge Hall		Relamp fixture with 2 new Type-B LED tu GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	23	46	64	29	500	0.81	402.50
6.0 Carver Science Building		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	22	44	64	29	500	0.77	385.00
17.0 McNeil Hall		Relamp fixture with 1 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamp	43	43	32	15	500	0.75	376.25
15.0 LXA		Relamp fixture with 2 new Type-B LED tr GREEN CREATIVE Relamp fixture with 2 new Type-B LED tr GREEN CREATIVE			lamps	3	6	64	29	3,500	0.11	367.50
19.0 Picken Hall			98473 14.5T8/4F/840/BYP		lamps	3	6	64	29	3,500	0.11	367.50
24.0 KTP 2.0 Barker Hall		Relamp fixture with 2 new Type-B LED tr GREEN CREATIVE Relamp fixture with 2 new Type-B LED tr GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	3 21	6 42	64 64	29 29	3,500 500	0.11	367.50
			98473 14.5T8/4F/840/BYP		lamps	4						367.50
16.0 Mary Berry Hall 18.0 Pfieffer Hall		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP 98473 14.5T8/4F/840/BYP		lamps lamps	4	8	64 64	29 29	2,600 2,600	0.14	364.00 364.00
5.0 Combined Athletic Complex		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE Relamp fixture with 3 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	2	6	96	44	3,500	0.14	364.00
20.0 Smith Chapel		Relamp fixture with 1 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamp	10	10	32	15	2,000	0.10	350.00
24.0 KTP		Relamp fixture with 1 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	5	10	64	29	2,000	0.18	350.00
28.0 Campus Services		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	5	10	64	29	2,000	0.18	350.00
20.0 Smith Chapel		Relamp fixture with 1 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		. lamp	6	6	32	15	3,000	0.18	315.00
16.0 Mary Berry Hall		Relamp fixture with 1 new Type-B LED tt GREEN CREATIVE	98473 14.5T8/4F/840/BYP		. lamp	9	9	32	15	2,000	0.11	315.00
28.0 Campus Services		Relamp fixture with 3 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	3	9	96	44	2,000	0.16	312.00
		Relamp fixture with 4 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP			1	4	128			0.10	287.00
2.0 Barker Hall 9.0 Colonial Apartments		Relamp fixture with 1 new Type-B LED ti GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps lamp	4	4	32	58 15	4,100 4,100	0.07	287.00
2.0 Barker Hall		Relamp fixture with 1 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	4	8	64	29	2,000	0.07	280.00
		Relamp fixture with 4 new Type-B LED tt GREEN CREATIVE	98473 14.5T8/4F/840/BYP			2	8	128	58	2,000	0.14	280.00
3.0 Blank Peforming Arts 6.0 Carver Science Building		Relamp fixture with 4 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	4	8	64	29	2,000	0.14	280.00
12.0 KKG		Relamp fixture with 4 new Type-B LED tt GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps lamps	2	8	128	58	2,000	0.14	280.00
14.0 Kresge Hall		Relamp fixture with 4 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	4	8	64	29	2,000	0.14	280.00
15.0 LXA		Relamp fixture with 4 new Type-B LED tt GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	2	8	128	58	2,000	0.14	280.00
22.0 Wallace Hall		Relamp fixture with 2 new Type-B LED ti GREEN CREATIVE	98473 14.518/4F/84U/BYP 98473 14.5T8/4F/84U/BYP		lamps	4	8	64	29	2,000	0.14	280.00
28.0 Campus Services		Relamp fixture with 2 new Type-B LED ti GREEN CREATIVE Relamp fixture with 2 new Type-B LED ti GREEN CREATIVE	98473 14.5T8/4F/840/BYP 98473 14.5T8/4F/840/BYP		lamps lamps	4	8	64	29	2,000	0.14	280.00
5.0 Combined Athletic Complex		Relamp fixture with 2 new Type-B LED ti GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	3	6	64	29	2,600	0.14	273.00
1.0 Amy Robertson		Relamp fixture with 2 new Type-B LED tt GREEN CREATIVE				2	4		29			
3.0 Blank Peforming Arts			98473 14.5T8/4F/840/BYP		lamps lamps	2	4	64 64	29	3,500 3,500	0.07	245.00 245.00
4.0 Buxton Hall		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE Relamp fixture with 2 new Type-B LED to GREEN CREATIVE				2	4	64	29		0.07	
4.0 Buxton Hall		Relamp fixture with 4 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP 98473 14.5T8/4F/840/BYP		lamps	1	4	128	58	3,500 3,500	0.07	245.00 245.00
			98473 14.5T8/4F/840/BYP			2	4	64	29	3,500	0.07	245.00
5.0 Combined Athletic Complex		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE			lamps	2	4					
6.0 Carver Science Building		Relamp fixture with 2 new Type-B LED tu GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	1	4	64	29	3,500	0.07	245.00 245.00
9.0 Colonial Apartments		Relamp fixture with 4 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	1		128	58	3,500	0.07	
11.0 Hillman Hall		Relamp fixture with 4 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps		4	128	58	3,500	0.07	245.00
11.0 Hillman Hall		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	2	4	64	29	3,500	0.07	245.00
12.0 KKG		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	2	4	64	29	3,500	0.07	245.00
14.0 Kresge Hall		Relamp fixture with 4 new Type-B LED tu GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	1	4	128	58	3,500	0.07	245.00
19.0 Picken Hall		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	2	4	64	29	3,500	0.07	245.00
20.0 Smith Chapel		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	2	4	64	29	3,500	0.07	245.00
21.0 Station Sqaure Apartments 22.0 Wallace Hall		Relamp fixture with 4 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP 98473 14.5T8/4F/840/BYP		lamps	1 2	4	128	58 29	3,500	0.07	245.00
22.0 Wallace Hall		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE Relamp fixture with 2 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps lamps	2	4	64 64	29	3,500 3,500	0.07	245.00 245.00
13.0 Kent Campus Center		Relamp fixture with 1 new Type-B LED to GREEN CREATIVE			lamp	7	7	32	15	2,000	0.07	245.00
		Relamp fixture with 1 new Type-B LED to GREEN CREATIVE				13						227.50
19.0 Picken Hall	F3E-2L 2L		98473 14.5T8/4F/840/BYP 98473 14.5T8/4F/840/BYP		lamps	3	26	64 64	29 29	500 2,000	0.46	210.00
6.0 Carver Science Building		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE			lamps	3	6					
22.0 Wallace Hall 13.0 Kent Campus Center	F1A-2L 2L F3A-2L 2L	Relamp fixture with 2 new Type-B LED tr GREEN CREATIVE Relamp fixture with 2 new Type-B LED tr GREEN CREATIVE	98473 14.5T8/4F/840/BYP 98473 14.5T8/4F/840/BYP		lamps lamps	12	6 24	64 64	29 29	2,000 500	0.11	210.00 210.00
14.0 Kresge Hall			98473 14.5T8/4F/840/BYP		lamps	8	24	96	44	500	0.42	208.00
15.0 LXA		Relamp fixture with 3 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	8	24	96	44	500	0.42	208.00
5.0 Combined Athletic Complex		Relamp fixture with 1 new Type-B LED tt GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamp	3	3	32	15	3,500	0.42	183.75
20.0 Smith Chapel			98473 14.5T8/4F/840/BYP		. lamp	3	3	32	15	3,500	0.05	183.75
11.0 Hillman Hall		Relamp fixture with 1 new Type-B LED to GREEN CREATIVE Relamp fixture with 2 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	2	4	64	29	2,600	0.03	182.00
12.0 KKG					lamps	2	4	64	29	2,600	0.07	182.00
		Relamp fixture with 2 new Type-B LED tr GREEN CREATIVE Relamp fixture with 2 new Type-B LED tr GREEN CREATIVE				2	4					
12.0 KKG 15.0 LXA					lamps		3	64 96	29 44	2,600 3,500	0.07	182.00 182.00
		Relamp fixture with 3 new Type-B LED to GREEN CREATIVE				1						
11.0 Hillman Hall		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE			lamps	10	20	64	29	500	0.35	175.00
28.0 Campus Services		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE Relamp fixture with 3 new Type-B LED to GREEN CREATIVE			lamps	9	18	64	29	3,000	0.32	157.50
16.0 Mary Berry Hall 4.0 Buxton Hall			98473 14.5T8/4F/840/BYP		lamps	1	3	96	44	3,000	0.05	156.00
		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE Relamp fixture with 1 new Type-B LED to GREEN CREATIVE			lamps	1	2	64	29	4,100	0.04	143.50
13.0 Kent Campus Center 9.0 Colonial Apartments		Relamp fixture with 1 new Type-B LED ti GREEN CREATIVE Relamp fixture with 4 new Type-B LED ti GREEN CREATIVE	98473 14.5T8/4F/840/BYP 98473 14.5T8/4F/840/BYP		lamp lamps	2	2	32 128	15 58	4,100 2,000	0.04	143.50 140.00
11.0 Hillman Hall		Relamp fixture with 4 new Type-B LED tt GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	1	4	128	58	2,000	0.07	140.00
13.0 Kent Campus Center		Relamp fixture with 2 new Type-B LED tt GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	2	4	64	29	2,000	0.07	140.00
15.0 LXA		Relamp fixture with 2 new Type-B LED tt GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	2	4	64	29	2,000	0.07	140.00
2.0 Barker Hall		Relamp fixture with 4 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	4	16	128	58	500	0.07	140.00
17.0 McNeil Hall		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	8	16	64	29	500	0.28	140.00
25.0 ATO		Relamp fixture with 4 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	4	16	128	58	500	0.28	140.00
11.0 Hillman Hall		Relamp fixture with 3 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	1	3	96	44	2,600	0.05	135.20
2.0 Barker Hall		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	1	2	64	29	3,500	0.03	122.50
5.0 Combined Athletic Complex		Relamp fixture with 2 new Type-B LED tt GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	1	2	64	29	3,500	0.04	122.50
6.0 Carver Science Building		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	1	2	64	29	3,500	0.04	122.50
8.0 College Hall		Relamp fixture with 2 new Type-B LED tt GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	1	2	64	29	3,500	0.04	122.50
11.0 Hillman Hall		Relamp fixture with 1 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		. lamp	2	2	32	15	3,500	0.04	122.50
16.0 Mary Berry Hall		Relamp fixture with 1 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		. lamp	2	2	32	15	3,500	0.04	122.50
17.0 McNeil Hall		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	1	2	64	29	3,500	0.04	122.50
18.0 Pfieffer Hall		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	1	2	64	29	3,500	0.04	122.50
25.0 ATO		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE			lamps	1	2	64	29	3,500	0.04	122.50
17.0 McNeil Hall		Relamp fixture with 1 new Type-B LED to GREEN CREATIVE			lamp	2	2	32	15	3,000	0.04	105.00
24.0 KTP		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE			lamps	1	2	64	29	3,000	0.04	105.00
26.0 SAE		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE			lamps	1	2	64	29	3,000	0.04	105.00
1.0 Amy Robertson		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE			lamps	6	12	64	29	500	0.21	105.00
28.0 Campus Services		Relamp fixture with 4 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	3	12	128	58	500	0.21	105.00
11.0 Hillman Hall		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	1	2	64	29	2,600	0.04	91.00
2.0 Barker Hall		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	5	10	64	29	500	0.18	87.50
5.0 Combined Athletic Complex		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	5	10	64	29	500	0.18	87.50
11.0 Hillman Hall		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	5	10	64	29	500	0.18	87.50
5.0 Combined Athletic Complex		Relamp fixture with 1 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamp	2	2	32	15	2,000	0.04	70.00
13.0 Kent Campus Center		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP		lamps	1	2	64	29	2,000	0.04	70.00
17.0 McNeil Hall					. lamp	2	2	32	15	2,000	0.04	70.00
21.0 Station Sqaure Apartments		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE			lamps	1	2	64	29	2,000	0.04	70.00
26.0 SAE		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE			lamps	1	2	64	29	2,000	0.04	70.00
5.0 Combined Athletic Complex		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE			lamps	4	8	64	29	500	0.14	70.00
11.0 Hillman Hall		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE			lamps	4	8	64	29	500	0.14	70.00
16.0 Mary Berry Hall		Relamp fixture with 4 new Type-B LED to GREEN CREATIVE			lamps	2	8	128	58	500	0.14	70.00
		,		-		-	_		50	500		. 5.00

TOTALS					7,619						847790.45
12.0 KKG	EF1A-NI NF	Remove existing fixture and install new a RAB	WPTLED-40-N/D10/PC2	1 fixture(s)	1	1	100	40	4,100	0.06	246.00
5.0 Combined Athletic Complex		Remove existing fixture and install new a RAB	WPTLED-40-N/D10/PC2	1 fixture(s)	1	1	100	40	4,100	0.06	246.00
20.0 Smith Chapel		Remove existing fixture and install new a RAB	WP2LED37N/PC2	1 fixture(s)	1	1	250	37	4,100	0.21	873.30
5.0 Combined Athletic Complex		Remove existing fixture and install new a RAB	VANLED40N-F / RETROPLATE	1 fixture(s)	4	4	250	40	4,100	0.84	3,444.00
28.0 Campus Services	EF2C-NI NF	Remove existing fixture and install new a RAB	VANLED40N-F / RETROPLATE	1 fixture(s)	9	9	250	40	4,100	1.89	7,749.00
12.0 KKG		Remove existing fixture and install new a LITHONIA	UCEL-24-30K-90CRI-SWR-WH-M6	1 fixture(s)	3	3	50	24	500	0.08	39.00
12.0 KKG	F3Q-NF NF	Remove existing fixture and install new a LITHONIA	UCEL-24-30K-90CRI-SWR-WH-M6	1 fixture(s)	1	1	50	24	4,100	0.03	106.60
7.0 Clinton Apartments	F3Q-NF NF	Remove existing fixture and install new a LITHONIA	UCEL-24-30K-90CRI-SWR-WH-M6	1 fixture(s)	36	36	50	24	500	0.94	468.00
4.0 Buxton Hall	F3S-NF NF	Remove existing fixture and install new a LITHONIA	UCEL-12-30K-90CRI-SWR-WH-M6	1 fixture(s)	1	1	8	12	500	0.00	-2.00
5.0 Combined Athletic Complex	F7E-NF NF	Remove existing fixture and install new a HOLOPHANE	PHZ-60L-4K-80CRI-AS-P-W-M-WG-C3	1 fixture(s)	35	35	875	437	500	15.33	7,665.00
29.0 Central Plant	F7B-NF NF	Remove existing fixture and install new a HOLOPHANE	PHG-18000LM-SEF-MGG-MVOLT-40k	1 fixture(s)	1	1	400	123	500	0.28	138.50
3.0 Blank Peforming Arts		Remove existing fixture and install new a HOLOPHANE	PHG-18000LM-SEF-MGG-MVOLT-40k		2	2	400	123	500	0.55	277.00
5.0 Combined Athletic Complex		Remove existing fixture and install new a HOLOPHANE	PHG-18000LM-SEF-MGG-MVOLT-40k		4	4	250	123	2,600	0.51	1,320.80
18.0 Pfieffer Hall		Remove existing fixture and install new a MAXLITE	MLFP24G427WCS	1 fixture(s)	28	28	96	24	500	2.02	1,008.00
1.0 Amy Robertson		Relamp existing fixture as indicated by it SOLAIS	LR38sp-40-30K-1250-WH	1 lamp(s)	2	2	120	40	500	0.16	80.00
1.0 Amy Robertson		Relamp existing fixture as indicated by m SOLAIS	LR38sp-40-30K-1250-WH	1 lamp(s)	27	27	120	40	500	2.16	1.080.00
13.0 Kent Campus Center		Remove existing fixture and install new a GREEN CREATIVE			16	16	64	18	500	0.74	368.00
13.0 Kent Campus Center		Remove existing fixture and install new a GREEN CREATIVE			1	1	84	18	500	0.20	33.00
13.0 Kent Campus Center		Remove existing fixture and install new a GREEN CREATIVE			4	4	84	18	500	0.46	132.00
13.0 Kent Campus Center		Remove existing fixture and install new a GREEN CREATIVE			6	6	84	18	500	0.40	198.00
13.0 Kent Campus Center		Remove existing fixture and install new a GREEN CREATIVE			124	124	84	18	3,500		28.644.00
13.0 Kent Campus Center		Remove existing fixture and install new a PORTFOLIO	LDRT810B-40-D010TR/ER8B-3040-80		23	23	250	28	500	5.12	2.557.60
26.0 SAE		Relamp existing fixture as indicated by m KEYSTONE	KT-LED7T8-18GC-840-D-CP	5 lamp(s)	1	5	125	35	500	0.09	45.00
30.0 Campus Exterior		Remove existing fixture and install new a EATON  Remove existing fixture and install new a EATON	GLEON-SA3C-740-U-T3-QM-BX-MS/D		21	21	400	166	500	4.91	2,457.00
30.0 Campus Exterior 30.0 Campus Exterior		Remove existing fixture and install new a EATON  Remove existing fixture and install new a EATON	GLEON-SA3C-740-U-T3-ADJS-BZ-MS/D		17	17	400	166	500	3.98	1.989.00
30.0 Campus Exterior 30.0 Campus Exterior		Remove existing fixture and install new a EATON Remove existing fixture and install new a EATON	GLEON-SA3C-740-U-T3-ADJS-BK-MS/ GLEON-SA3C-740-U-T3-ADJS-BZ-MS/		6	6	400	166 166	3,500 500	1.40	1,638.00 702.00
		Remove existing fixture and install new a G LIGHTING	GL-4705-C-C-PA	1 fixture(s)	2	2	100 400	166		0.21	
20.0 Smith Chapel 26.0 SAE		Remove existing fixture and install new a RAB	FFLED 80 T N	1 fixture(s)	2	2	250 100	80 47	500 500	0.34	170.00 106.00
7.0 Clinton Apartments		Remove existing fixture and install new a RAB		1 fixture(s)					-,		2,975.00
30.0 Campus Exterior		Remove existing fixture and install new a RAB	FFLED 80 T N FFLED 80 T N	1 fixture(s)	12	12	250	80	3,500	0.85	,
12.0 KKG		Remove existing fixture and install new a RAB	FFLED 39 N	1 fixture(s)	1 12	1 12	100 250	39 80	500 3,500	0.06 2.04	30.50 7.140.00
7.0 Clinton Apartments		Remove existing fixture and install new a RAB	FFLED 39 N	1 fixture(s)	2	2	100	39	2,600	0.12	317.20
12.0 KKG		Remove existing fixture and install new a RAB	FFLED 120 T N	1 fixture(s)	3	3	400	120	3,500	0.84	2,940.00
5.0 Combined Athletic Complex		Remove existing fixture and install new a RAB	BP35AUT550NPMO	1 fixture(s)	1	1	100	35	4,100	0.07	266.50
18.0 Pfieffer Hall		Remove existing fixture and install new a EATON	AXCL6ARL-GRF	1 fixture(s)	1	1	250	56	4,100	0.19	795.40
14.0 Kresge Hall		Relamp fixture with 2 new Type-B LED tu GREEN CREATIVE		2 lamps	1	2	64	29	500	0.04	17.50
11.0 Hillman Hall		Relamp fixture with 2 new Type-B LED tu GREEN CREATIVE		2 lamps	1	2	64	29	500	0.04	17.50
11.0 Hillman Hall		Relamp fixture with 2 new Type-B LED tu GREEN CREATIVE		2 lamps	1	2	64	29	500	0.04	17.50
11.0 Hillman Hall		Relamp fixture with 2 new Type-B LED to GREEN CREATIVE		2 lamps	1	2	64	29	500	0.04	17.50
2.0 Barker Hall		Relamp fixture with 2 new Type-B LED tr GREEN CREATIVE		2 lamps	1	2	64	29	500	0.04	17.50
11.0 Hillman Hall		Relamp fixture with 2 new Type-B LED tu GREEN CREATIVE		2 lamps	2	4	64	29	500	0.07	35.00
2.0 Barker Hall		Relamp fixture with 2 new Type-B LED tr GREEN CREATIVE		2 lamps	2	4	64	29	500	0.07	35.00
22.0 Wallace Hall		Relamp fixture with 1 new Type-B LED t $\iota$ GREEN CREATIVE		1 lamp	1	1	32	15	2,000	0.02	35.00
16.0 Mary Berry Hall		Relamp fixture with 1 new Type-B LED to GREEN CREATIVE		1 lamp	1	1	32	15	2,600	0.02	45.50
14.0 Kresge Hall	F3A-2L 2L	Relamp fixture with 2 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP	2 lamps	3	6	64	29	500	0.11	52.50
18.0 Pfieffer Hall		Relamp fixture with 1 new Type-B LED tr GREEN CREATIVE		1 lamp	1	1	32	15	3,500	0.02	61.25
5.0 Combined Athletic Complex	F5A-1L 1L	Relamp fixture with 1 new Type-B LED to GREEN CREATIVE	98473 14.5T8/4F/840/BYP	1 lamp	1	1	32	15	3,500	0.02	61.25

# **IMU Regular Downstairs**

**Meeting Date:** 08/09/2021

#### Information

# Subject

Resolution approving the proposal from The Institute for Decision Making at the University of Northern lowa to develop a strategic plan for IMU.

# Information

Roll call is in order.

#### **Attachments**

Resolution Approving Proposal

Proposal

11. A.

#### Indianola Municipal Utilities

#### **RESOLUTION NO 2021-**

# RESOLUTION APPROVING THE PROPOSAL FROM THE INSTITUTE FOR DECISION MAKING AT THE UNIVERSITY OF NORTHERN IOWA TO DEVELOP A STRATEGIC PLAN FOR INDIANOLA MUNICIPAL UTILITIES

WHEREAS, Indianola Municipal Utilities is in need of engaging a company to provide a strategic plan for IMU (hereinafter referred to as "Services"); and

WHEREAS, IMU has solicited proposals for said Services; and

WHEREAS, after review of the proposals, IMU believes it to be in the best interest of IMU to engage The Institute for Decision Making at the University of Northern Iowa to perform the services; and

**WHEREAS,** it is the determination of the IMU Board of Trustees that IMU should accept the proposal with The Institute for Decision Making in an amount not to exceed \$4,653 plus travel costs in the form attached.

**NOW, THEREFORE, BE IT RESOLVED** by the Indianola Municipal Utilities Board of Trustees that the proposal with The Institute for Decision Making is hereby approved and the General Manager is authorized and directed to execute an agreement on behalf of Indianola Municipal Utilities.

Passed this 9 <sup>th</sup> day of August 2021.	
ATTEST:	Adam Voigts, Chairperson
 Jackie Raffety, Deputy City Clerk	



# **Project Overview**

The Institute for Decision Making (IDM) at the University of Northern Iowa (UNI) proposes to assist Indianola Municipal with the development of a new strategic plan for the organization. The planning process will be designed collaboratively with Indianola Municipal Utilities' management team to ensure that the process meets the organization's needs and produces a useful strategic plan that will guide the organization over the next 5+ years. This proposal was developed based upon IDM staff's conversation with Chris DesPlanques, General Manager of Indianola Municipal Utilities.

### **About IDM**

IDM is the community and economic development outreach arm of the University of Northern Iowa. IDM has a 33-year record of delivering tailored and innovative planning, technical assistance, applied research and training to well over 800 communities, chambers of commerce, economic development organizations, local governments, state agencies, statewide associations, convention and visitor bureaus, community planning groups and other similar not-for-profit organizations throughout Iowa.

With staff possessing a combination of advanced training and education in a variety of applied fields and practical professional economic development experience, IDM is able to provide clients with customized services to meet their needs. IDM staff has designed and facilitated implementation-focused planning for numerous organizations, communities and regions in Iowa, including current and recent projects for: Waverly Utilities (strategic planning), City of Waverly (strategic planning), Nevada (community-wide visioning), Black Hawk County Health Department (strategic planning), Warren County Economic Development Corp. (strategic planning), City of Emmetsburg/Emmetsburg Municipal Utilities/Emmetsburg Community School District (strategic planning), Mid Iowa Growth Partnership (strategic planning), Rock Valley (economic development strategic plan), Midwest Partnership EDC (strategic planning), Hardin County Economic Development (strategic planning), Greater Dubuque Development Corporation (strategic planning), Waverly Health Center (strategic planning), Ames Chamber of Commerce and Development (strategic planning), Grow Cedar Valley (strategic planning), Cedar Falls Tourism & Visitors Bureau (strategic planning), Iowa Heartland Habitat for Humanity (strategic planning), and many others.

# **Proposed Scope of Services**

Pre-Planning & Visioning & Goal Setting Draft Plan Development Review & Adoption Implement

The purpose of the project is to assist Indianola Municipal Utilities (IMU) with the development of a new strategic plan for the organization. IMU's strategic plan will be developed through a planning process that engages the IMU's Board of Trustees and staff leadership, who will examine the Utilities' current and likely future situation, and utilize that information and data to develop a consensus-based vision for IMU in 2032 and the organization's priorities that will shape the new plan.

# Task 1: Pre-Planning and Situation Analysis

The development of an effective strategic plan requires a tailored planning process that the organization's leadership is committed to and owns. IDM will work with the IMU's staff leadership to finalize the planning process design and communicate a clear understanding of the process to the Board of Trustees. It is also important that useful information and data are provided as part of the situation analysis. Task 1 will including the following:

- IDM will work with IMU staff leadership to design and facilitate the overall planning process including presession input gathering, individual session design, session preparation, and reporting.
- IDM, with input from IMU's staff leadership, will design and distribute an online questionnaire to collect input from the Board of Trustees and the staff leadership management team prior to the visioning and goal setting session. Those invited to provide input will likely be asked to share their opinions and ideas on IMU's recent accomplishments, potential opportunities and challenges for the utility and share their vision for the IMU by the year 2032.
- IDM will work with IMU staff leadership to determine what data and information would be useful to the Board of Trustees and the staff leadership to evaluate IMU's current and future situation and market environment. Potential data and information may include customer usage trends, capital investment plans and needs, community demographic and economic trends, and broader utility trends.
- IDM will provide guidance to IMU's staff leadership in communicating information about the strategic planning process with its employees, customers and stakeholders.

# Task 2: Visioning and Goal Setting Session

IDM will design and facilitate a 4 hour visioning and goal setting session with the Board of Trustees and staff leadership. The session will include a presentation of the situational analysis, and a review and discussion of the key issues and themes identified in the pre-session questionnaire input. IDM will work with the session participants to develop a consensus on the elements of a shared vision of IMU in 2032, and the priorities the IMU must focus on over the next five years in order to make progress toward that shared vision. Based on that consensus, IDM will work with the group to draft goals focusing on the top priorities.

Specifically, the session will involve the following activities:

- Presentation of the situational analysis data and information.
- Presentation of the pre-session questionnaire input.
- Develop consensus on the elements of a shared vision of IMU in 2032.
- Develop consensus on IMU's priorities over the next five years that will help in achieving the desired future vision for the utility.
- Discussion and validation of the organization's mission.
- Develop consensus on a set of draft goals designed to address IMU's priorities and help with achieving the desired future vision for the utility.
- Begin to identify potential strategies that would help achieve each draft goal.

Following the session, IDM will provide a summary report that will capture the work of the session and the information presented during the session.

#### Task 3: Developing the Draft Strategic Plan

Using the work completed during the visioning and goal setting session, IDM will develop an initial framework of a draft IMU Strategic Plan, including a draft Vision Statement, draft goals and draft strategies for each goal. IDM will then hold a virtual work session with IMU's staff leadership to revise the draft strategic plan and discuss the staff leadership's next steps in finalizing a final draft strategic plan to be presented to the Board of Trustees for review and formal adoption. Task 4 steps include:

- IDM will develop an initial draft IMU Strategic Plan.
- Staff leadership will review the draft Strategic Plan and identify suggested edits and additions.
- IDM will hold a virtual work session with the staff leadership to further revise the draft Strategic Plan and discuss the next steps for finalizing the Strategic Plan.

• Following the virtual work session, IDM will provide staff leadership with a revised draft Strategic Plan that it can then further develop and complete a final draft of the Strategic Plan to be presented to the Board of Trustees.

# Task 4: Board of Trustee's Review and Adoption

IMU's staff leadership will present the final draft of the IMU Strategic Plan to the Board of Trustees for review and formal adoption. As needed, IDM will assist the staff leadership prepare for the presentation and provide recommendations related to publicly unveiling the new plan and implementing the Strategic Plan.

# Proposed Project Schedule

The proposed timeframe to complete the planning process is 4 months with an approximate project start date of September 1, 2021. A final timeline for the planning process shall be mutually determined by IMU's staff leadership and IDM.

Timeline	Month 1	Month 2	Month 3	Month 4
Task 1: Pre-Planning & Situation Analysis				
Task 2: Visioning & Goal Setting Session				
Task 3: Developing the Draft Strategic Plan				
Task 4: Board of Trustee's Review & Approval				

# **Proposed Fees**

The cost for conducting the proposed project is \$4,653 plus travel costs (not to exceed \$450) for IDM to travel to Indianola. The proposed project cost includes an IDM Partnership fee which provides access to 1.5 hours of topical board training e.g., ED 101 for utilities, access to IDM staff for ongoing consultation and troubleshooting, and reduced fees on other IDM planning and research services. IDM will invoice Indianola Municipal Utilities following the delivery of the revised draft Strategic Plan after the virtual work session.

The proposed project price is valid for a period of 60 days following submission of this proposal.

# **Liability Statement**

In no event shall The University of Northern Iowa's liability arising in connection with or under this agreement (whether under the theories of breach of contract, tort liability, misrepresentation, fraud, warranty, negligence, strict liability, or any other theory of law) exceed the purchase price paid by the client (Indianola Municipal Utilities) for the services rendered by IDM under this Agreement.

rendered by IDM under this Agreeme	ent.		
Ludian da Monistra I Hallaina	Data	Institute for Desirior Malling	Data
Indianola Municipal Utilities	Date	Institute for Decision Making	Date

13. A.

Meeting Date: 08/09/2021

#### Information

# **Subject**

Enter into closed session in accordance with Iowa Code Section 21.5 (1)(i) to evaluate the professional competency of an individual whose appointment, hiring, performance, or discharge is being considered when necessary to prevent needless and irreparable injury to that individual's reputation and that individual requests a closed session.

#### Information

Roll call to enter and exit the closed session is in order.

#### **Attachments**

No file(s) attached.